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ABSTRACT

This report presents final data on public high school graduates for the 1985-86 school year. It includes tabulations for public schools on the number of graduates, 12th-grade student membership, and 9th-grade student membership in the year the graduates were 9th-grade students. Data in this report were due from State education agencies to the Center for Education Statistics on March 16, 1987, and were final as of August 15, 1987. The tabulations are prefaced by a description of the survey methodology, indicating the limitations of the data. (JD)

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CENTER FOR EDUCATION STATISTICS

E.D. TABS

January 1988

Public High School Graduates, 1986

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
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CENTER FOR EDUCATION STATISTICS

Dear Colleague:

Here is the latest report in our series of education statistics reports called E.D.TABS. It includes tabulations for public schools on the number of graduates, 12th-grade student membership, and 9th-grade student membership in the year the graduates were 9th-grade students. You may find the following statistics interesting:

- Nationally, the number of public high school graduates decreased from 2.41 million in 1984-85 to 2.38 million in 1985-86; this parallels a decrease in 12th-grade student membership, from 2.60 million in 1984-85 to 2.55 million in 1985-86.

- Eleven States showed an increase in 12th-grade student membership from school year 1984-85 to 1985-86.

- Twelve States showed an increase in public high school graduates from school year 1984-85 to 1985-86.

Data in this report were due from State education agencies to the Center for Education Statistics on March 16, 1987. These data were final as of August 15, 5 months after the due date. The tabulations are prefaced by a description of the survey methodology, indicating the limitations on the data. E.D.TABS includes no interpretation or other highlights of findings, nor does it provide cross references to other data.

Interested users are encouraged to begin their own analyses and to place orders for copies of a 4-year data tape which includes data by State on staff counts, the number of high school graduates, and student membership by grade for school years 1983-84 through 1986-87.

Sincerely

Emerson J. Elliott
Director

Contact: Mary Batcher
(202) 357-6618

January 1988

Public High School Graduates, 1986

This report presents final data on public high school graduates for the 1985-86 school year. It also includes the 1984-85 graduates and related public school student membership information. The ratio of 1985-86 to 1984-85 graduates is divided by the ratio of 12th-grade membership in school year 1985-86 to that of 1984-85. That result is multiplied by 100 and presented here as the graduate change index.

METHODOLOGY

Data on numbers of graduates, other completers, and student membership were provided from the administrative records in each State through the Common Core of Data (CCD) Survey, State Nonfiscal Report. The CCD surveys are an annual collection of basic information on the universe of public schools. The State Nonfiscal Report includes information on enrollment, staffing, and graduates. The CCD surveys are conducted by the Center for Education Statistics with the assistance of the State Education Agencies (SEAs) in the 50 States, the District of Columbia, and the outlying areas under U.S. jurisdiction. Data from outlying areas are not included here but are available upon request.

In compiling these data from administrative record systems, each SEA obtains fall counts of students and staff and prior years spring counts of high school graduates from the local education agencies (LEAs) that operate public schools. Since the SEAs use various collection methods to obtain these data, there is variation across States in the "as of" dates for membership counts, with most falling within 2 weeks of October 1. Each SEA may edit or examine the individual LEA reports before computing State totals.

There are three indices for each State (table 3). The ratio of the number of graduates in 1985-86 to the number in 1984-85 is multiplied by 100 and is the first index shown. This index represents the increase (for values greater than 100) or the decrease (for values less than 100) from 1984-85 to 1985-86. This uncorrected indicator of increase or decrease may be misleading, since States' membership bases also change from year to year, thus changing the pool of potential graduates. There are several ways to adjust the uncorrected ratios to compensate for this. The approach taken here

is based on 12th-grade membership in the 2 school years. The ratio, multiplied by 100, of the 1985-86 membership in grade 12 to the grade 12 membership in 1984-85 is given. As with graduates, an increase is indicated by values greater than 100 and a decrease is indicated by values less than 100. The membership ratio is then used as a correction factor to yield the adjusted ratio of the numbers of graduates. This value is multiplied by 100 for ease of interpretation. For this graduate change index, values greater than 100 indicate that the number of graduates is increasing faster than the 12th-grade membership; values less than 100 indicate that the number of graduates is not increasing as fast as the 12th-grade membership.

DEFINITIONS

Membership data are the unduplicated counts of students whose names were entered on the roll of the school or LEA as of October 1 of the school year. Students who withdraw before the date of the count are subtracted from the roll and any new students entering before the count are added. The regular day-school graduates are the number of students receiving a high school diploma from the regular day-school program in the given school year. Other completers are those students receiving a high school diploma or its equivalent from other programs (e.g. GEDs and adult evening schools).

RESPONSE RATES

Although several States did not report the number of other completers and one State did not report the number of graduates in 1986, survey responses were obtained from all States and the District of Columbia.

ACKNOWLEDGMENTS

The author gratefully acknowledges the comments and suggestions of the reviewers: Jewell Gould of the American Federation of Teachers; William Freund, Charlene Hoffman, and Donald Malec of the Center for Education Statistics.

FOR MORE INFORMATION

For more information on the CCD Survey, State Nonfiscal Report, contact the project officer, John Sietsema (202) 357-6335.

Table 1.--Number of public school graduates, 12th-grade student membership, and 9th-grade student membership 3 years earlier, by State and District of Columbia: 1985-86

State	Regular day school graduates 1985-86	12th-grade membership 1985-86	9th-grade membership 1982-83	Other completers 1985-86
Total	2/ 2,382,457	3/ 2,549,735	3/ 3,248,270	(1)
Alabama	39,620	43,626	59,811	---
Alaska	5,464	6,481	6,890	1,950
Arizona	27,533	34,297	40,257	---
Arkansas	26,227	28,201	33,545	6,590
California	229,026	243,398	331,791	13,136
Colorado	32,621	35,538	42,788	7,229
Connecticut 4/	33,571	32,006	38,535	6,483
Delaware	5,791	6,580	3/ 8,187	1,342
District of Columbia	3,875	4,193	6,387	733
Florida	83,029	3/ 90,510	124,302	24,248
Georgia	59,082	63,157	91,004	12,864
Hawaii	9,958	9,911	11,971	1,584
Idaho	12,059	13,035	15,085	895
Illinois	114,319	117,626	146,785	---
Indiana	59,817	66,223	78,478	9,374
Iowa	34,279	35,906	39,257	8,222
Kansas	25,587	27,215	30,250	5,973
Kentucky	37,288	39,284	54,090	12,556
Louisiana	39,965	3/ 42,753	64,724	10,371
Maine	13,006	13,705	17,082	---
Maryland	46,700	48,250	59,906	6,713
Massachusetts	--	64,529	80,824	---
Michigan	101,042	105,775	135,946	6,142
Minnesota	51,988	56,735	58,642	5,682
Mississippi	25,134	27,301	39,505	7,051
Missouri	49,204	52,904	64,274	8,003
Montana	9,761	10,294	11,309	1,737
Nebraska	17,845	18,834	20,356	1,034
Nevada	8,784	10,127	11,055	---
New Hampshire	10,648	11,558	14,288	2,024
New Jersey	78,781	81,505	99,244	12,694
New Mexico	15,468	16,934	21,183	4,637
New York	162,165	170,394	239,904	10,582
North Carolina	65,865	69,127	92,741	15,193
North Dakota	7,610	7,984	8,590	1,179
Ohio	119,561	3/ 130,558	150,732	11,679
Oklahoma	34,452	37,308	45,374	6,733
Oregon	26,286	30,847	36,675	8,454
Pennsylvania	122,871	127,406	151,632	19,652
Rhode Island	8,749	9,430	12,178	1,799
South Carolina	5/ 34,500	37,012	52,865	7,344
South Dakota	7,870	8,378	9,287	1,430
Tennessee	43,263	49,581	65,294	8,722
Texas	161,150	172,742	244,141	46,768
Utah	19,774	22,543	24,237	3,360
Vermont	5,794	6,116	7,158	1,223
Virginia	63,113	65,792	83,339	9,985
Washington	45,805	54,850	61,230	6/ 2,524
West Virginia	21,870	22,564	28,937	4,340
Wisconsin	58,340	62,661	68,971	8,011
Wyoming	5,587	6,051	7,234	1,417

---Data not available.
1/ Due to differences in reporting across States, these counts are not comparable. Because of these differences and missing data, no total is included.
2/ Total was adjusted for missing data by applying the previous year's proportion of graduates to the previous year's 12th-grade membership to the 1985-86 12th-grade membership for the State.
3/ Differs from earlier published figure due to corrections from State.
4/ Includes graduates of vocational/technical centers. Student membership from centers was reported beginning in the 1986-87 school year and is thus not included in the 12th-grade membership.
5/ State estimate.
6/ Excludes GED recipients who are older than age 19.
Note: Table includes data and revisions sent by August 15, 1987.
Source: Center for Education Statistics, Common Core of Data, State Nonfiscal Survey.

Table 2.--Number of public school graduates, 12th-grade student membership, and 9th-grade student membership 3 years earlier, by State and District of Columbia: 1984-85

State	Regular day school graduates 1984-85	12th-grade membership 1984-85	9th-grade membership 1981-82	Other completers 1984-85
Total	2/ 2,414,020	2,598,677	2/ 3,286,288	(1)
Alabama	40,002	42,017	3/ 63,211	---
Alaska	5,184	6,652	6,991	2,019
Arizona	27,877	33,394	39,665	---
Arkansas	26,342	28,418	34,213	6,653
California	225,448	254,211	326,143	11,487
Colorado	32,255	35,872	41,771	6,837
Connecticut	32,126	33,417	39,951	7,858
Delaware	5,893	6,728	7,456	1,221
District of Columbia	3,940	4,325	6,756	1,077
Florida	81,140	89,383	122,218	24,189
Georgia	58,654	62,420	90,154	12,231
Hawaii	10,092	9,999	11,856	1,502
Idaho	12,148	13,259	15,249	1,045
Illinois	117,027	119,945	151,348	---
Indiana	63,308	68,646	81,331	7,863
Iowa	36,087	37,450	40,612	4,889
Kansas	25,983	27,781	30,937	5,711
Kentucky	37,999	39,983	54,869	12,200
Louisiana	2/ 39,742	43,000	66,282	2/ 10,547
Maine	13,924	14,487	17,752	2,934
Maryland	48,299	49,647	60,196	6,781
Massachusetts	63,411	67,791	2/ 83,729	---
Michigan	2/ 105,908	109,706	142,775	17,045
Minnesota	53,352	58,128	60,125	5,156
Mississippi	25,315	27,916	39,567	7,500
Missouri	51,290	55,166	66,328	7,007
Montana	10,016	10,649	11,621	---
Nebraska	18,036	19,360	20,751	1,009
Nevada	8,572	10,230	11,308	1,910
New Hampshire	11,052	11,127	14,357	1,974
New Jersey	81,547	84,357	2/ 102,313	13,023
New Mexico	15,622	17,040	21,051	4,030
New York	166,752	177,510	252,068	12,395
North Carolina	67,245	70,509	93,772	16,071
North Dakota	8,146	8,555	9,100	1,287
Ohio	122,281	134,001	154,291	11,208
Oklahoma	34,626	36,580	44,191	6,251
Oregon	26,870	31,037	37,239	7,120
Pennsylvania	127,226	131,240	157,224	17,679
Rhode Island	9,201	9,993	12,688	2,215
South Carolina	34,500	37,622	53,801	6,947
South Dakota	8,206	8,537	9,421	1,415
Tennessee	43,293	50,416	66,487	7,963
Texas	159,234	171,694	235,048	---
Utah	19,890	22,132	23,988	3,000
Vermont	5,769	6,111	7,133	1,429
Virginia	60,959	63,587	81,394	10,368
Washington	45,431	54,110	60,030	2/4/ 2,529
West Virginia	22,262	22,930	28,727	5,304
Wisconsin	58,851	63,524	69,631	8,153
Wyoming	5,687	6,085	7,169	1,426

---Data not available.
1/ Due to differences in reporting across States, these counts are not comparable. Because of these differences and missing data, no total is included.
2/ Differs from earlier published figure due to revisions by State.
3/ Estimate.
4/ Excludes GED recipients who are older than 19.
Note: Table includes data and revisions sent by August 15, 1987.
Source: Center for Education Statistics, Common Core of Data, State Nonfiscal Survey.

Table 3.--Change in numbers of public school graduates and 12th-grade student membership from 1985 to 1986.

State	Number of high school graduates		Ratio of 1986 to 1985 graduates	12th-grade membership		Ratio of 1986 to 1985 12th-grade membership	Graduate 1/ change index
	1984-85	1985-86		1984-85	1985-86		
Total	2,414,020	2/ 2,382,457	98.7	2,598,677	3/ 2,549,735	98.1	100.6
Alabama	40,002	39,620	99.0	42,017	43,626	103.8	95.4
Alaska	5,184	5,462	105.4	6,652	6,481	97.4	108.1
Arizona	27,877	27,533	98.8	33,394	34,297	102.7	96.2
Arkansas	26,342	26,227	99.6	28,418	28,201	99.2	100.3
California	225,448	229,026	101.6	254,211	243,398	95.7	106.1
Colorado	32,255	32,621	101.1	35,872	35,538	99.1	102.1
Connecticut	32,126	33,571	104.5	33,417	32,006	95.8	109.1
Delaware	5,893	5,791	98.3	6,728	6,580	97.8	100.5
District of Columbia	3,940	3,875	98.4	4,325	4,193	96.9	101.4
Florida	81,140	83,029	102.3	89,383	3/ 90,510	101.3	101.0
Georgia	58,654	59,082	100.7	62,420	63,157	101.2	99.6
Hawaii	10,092	9,958	98.7	9,999	9,911	99.1	99.5
Idaho	12,148	12,059	99.3	13,259	13,035	98.3	101.0
Illinois	117,027	114,319	97.7	119,945	117,626	98.1	99.6
Indiana	63,308	59,817	94.5	68,646	66,223	96.5	97.9
Iowa	36,087	34,279	95.0	37,450	35,906	95.9	99.1
Kansas	25,983	25,587	98.5	27,781	27,215	98.0	100.5
Kentucky	37,999	37,288	98.1	39,983	39,284	98.3	99.9
Louisiana	39,742	39,965	100.6	43,000	3/ 42,753	99.4	101.2
Maine	13,924	13,006	93.4	14,487	13,705	94.6	98.7
Maryland	48,299	46,700	96.7	49,647	48,250	97.2	99.5
Massachusetts	63,411	---	---	67,791	64,529	95.2	---
Michigan	105,908	101,042	95.4	109,706	105,775	96.4	99.0
Minnesota	53,352	51,988	97.4	58,128	56,735	97.6	99.8
Mississippi	25,315	25,134	99.3	27,916	27,301	97.8	101.5
Missouri	51,290	49,204	95.9	55,166	52,904	95.9	100.0
Montana	10,016	9,761	97.5	10,649	10,294	96.7	100.8
Nebraska	18,036	17,845	98.9	19,360	18,834	97.3	101.7
Nevada	8,572	8,784	102.5	10,230	10,127	99.0	103.5
New Hampshire	11,052	10,648	96.3	11,127	11,558	103.9	92.8
New Jersey	81,547	78,781	96.6	84,357	81,505	96.6	100.0
New Mexico	15,622	15,468	99.0	17,040	16,934	99.4	99.6
New York	166,752	162,165	97.2	177,510	170,394	96.0	101.3
North Carolina	67,245	65,865	97.9	70,509	69,127	98.0	99.9
North Dakota	8,146	7,610	93.4	8,555	7,984	93.3	100.1
Ohio	122,281	119,561	97.8	134,001	3/ 130,558	97.4	100.4
Oklahoma	34,626	34,452	99.5	36,580	37,308	102.0	97.6
Oregon	26,870	26,286	97.8	31,037	30,847	99.4	98.4
Pennsylvania	127,226	122,871	96.6	131,240	127,406	97.1	99.5
Rhode Island	9,201	8,749	95.1	9,993	9,430	94.4	100.8
South Carolina	34,500	4/ 34,500	---	37,622	37,012	98.4	---
South Dakota	8,206	7,870	95.9	8,537	8,378	98.1	97.7
Tennessee	43,293	43,263	99.9	50,416	49,581	98.3	101.6
Texas	159,234	161,150	101.2	171,694	172,742	100.6	100.6
Utah	19,890	19,774	99.4	22,132	22,543	101.9	97.6
Vermont	5,769	5,794	100.4	6,111	6,116	100.1	100.4
Virginia	60,959	63,113	103.5	63,587	65,792	103.5	100.1
Washington	45,431	45,805	100.8	54,110	54,850	101.4	99.5
West Virginia	22,262	21,870	98.2	22,930	22,564	98.4	99.8
Wisconsin	58,851	58,340	99.1	63,524	62,661	98.6	100.5
Wyoming	5,687	5,587	98.2	6,085	6,051	99.4	98.8

---Data not available.
1/ Graduate change index is the ratio of 1986 graduates to 1985 graduates divided by the ratio of 1986 12th-grade membership to 1985 12th-grade membership, multiplied by 100.
2/ Total was adjusted for missing data by applying the previous year's proportion of graduates to the previous year's 12th-grade membership to the 1985-86 12th grade membership for the State.
3/ Differs from earlier published figure due to corrections from State.
4/ State estimate.
Note: Table includes data and revisions sent by August 15, 1987. For ease of interpretation, all ratios have been multiplied by 100.
Source: Center for Education Statistics, Common Core of Data, State Nonfiscal Survey, 1987.